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Turbine Optimizer

Packaged Offerings

Technical Documents

M & U

Quote Bin - Buy

Choose a Site:

MY STATION

Choose a Unit:

006 -- MY7FAGT

GO

Unit / Outage Information

Convert any deficiencies in the data below - click update to effect your changes

Next Outage Dates

MAJOR

HOT GAS PATH

COMBUSTION

MM

DD

YY

02

02

2001

MM

DD

YY

02

02

2001

MM

DD

YY

02

02

2001

Operational Cycle

Loading Cycle

Fuel Type

Emission Control

Combined Cycle

Mid-Range

Liquid Natural Gas

Dry Low Nox 2.6

Customer ID

Unit #

Output (MW)

Availability (%)

Op Hours

COD

Reading Date

Unit Type

006

150108

150108

8000

08

09/01/97

Gas Turbine

Site ID

Serial #

Heat Rate (Btu/kWh)

Reliability (%)

Unit Starts

Shipped Date

Frame Size

Control Type

MY STATION

MY7FAGT

9777

0.0

147

08/01/1997

071F%

update

Notes on Fleet Performance comparison figures (OUTPUT, HEAT RATE, AVAILABILITY, and RELIABILITY)

Identify inaccuracies or missing information

Fig. 1

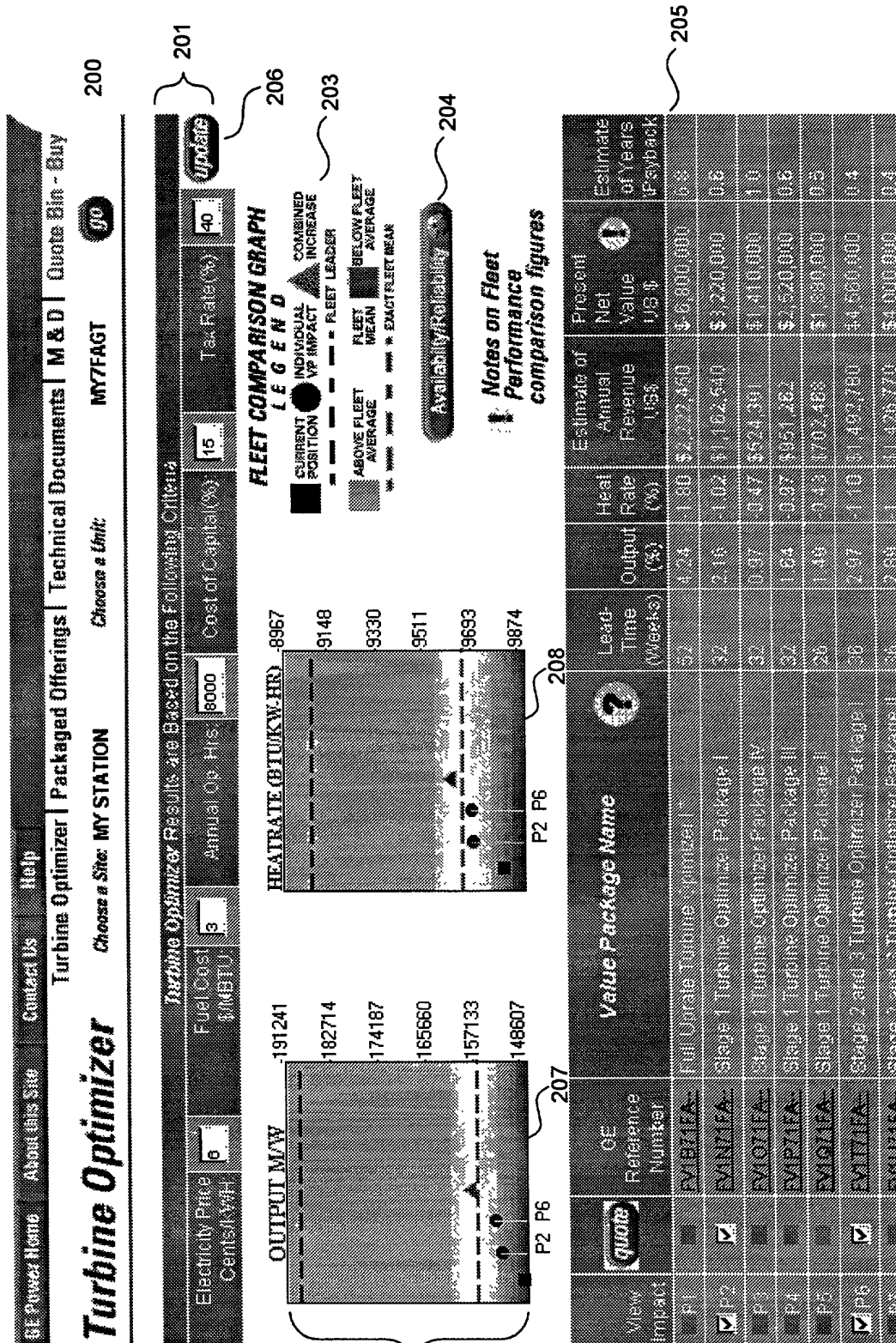


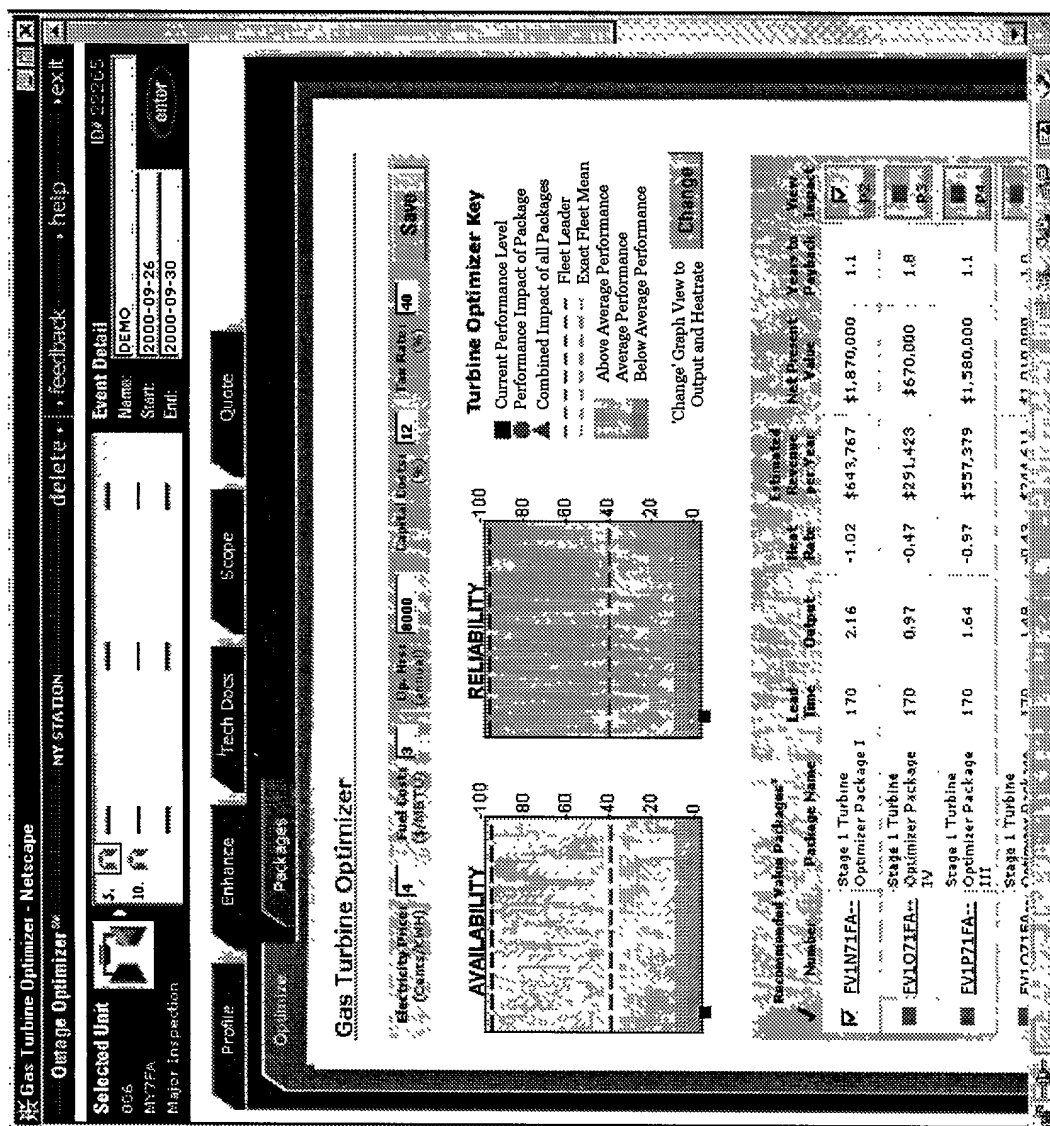
Fig. 2

301		302		303		304										300	
Uprate Performance Impact Matrix																	
Customer Name	SN	Current Rating	Stg1	S1B S1S	S1N S1S	S1B S1N	88 IGV	CDC HPP	S2B S2S	S3B S3S	S2B S2S	S3B S3S	S2B S2S	S3B S3S	Performance impact (parts only)		
305	ACME	297031	Output	163272	0.64	0.31	0.70	0.13	0.00	0.08	0.08	-0.03	0.09	0.59	1.30		
	Tf=2420, IGV=90		HR	9623	-0.51	0.02	-0.55	0.36	0.00	0.02	0.02	0.07	0.03	-0.20	-0.77		
306	Smith	297112	Output	165151	0.54	0.21	0.70	0.03	0.00	0.08	0.08	-0.03	0.09	0.59	1.20		
	Tf=2420		HR	9461	-0.51	0.02	-0.55	0.36	0.00	0.02	0.02	0.07	0.03	-0.20	-0.77		

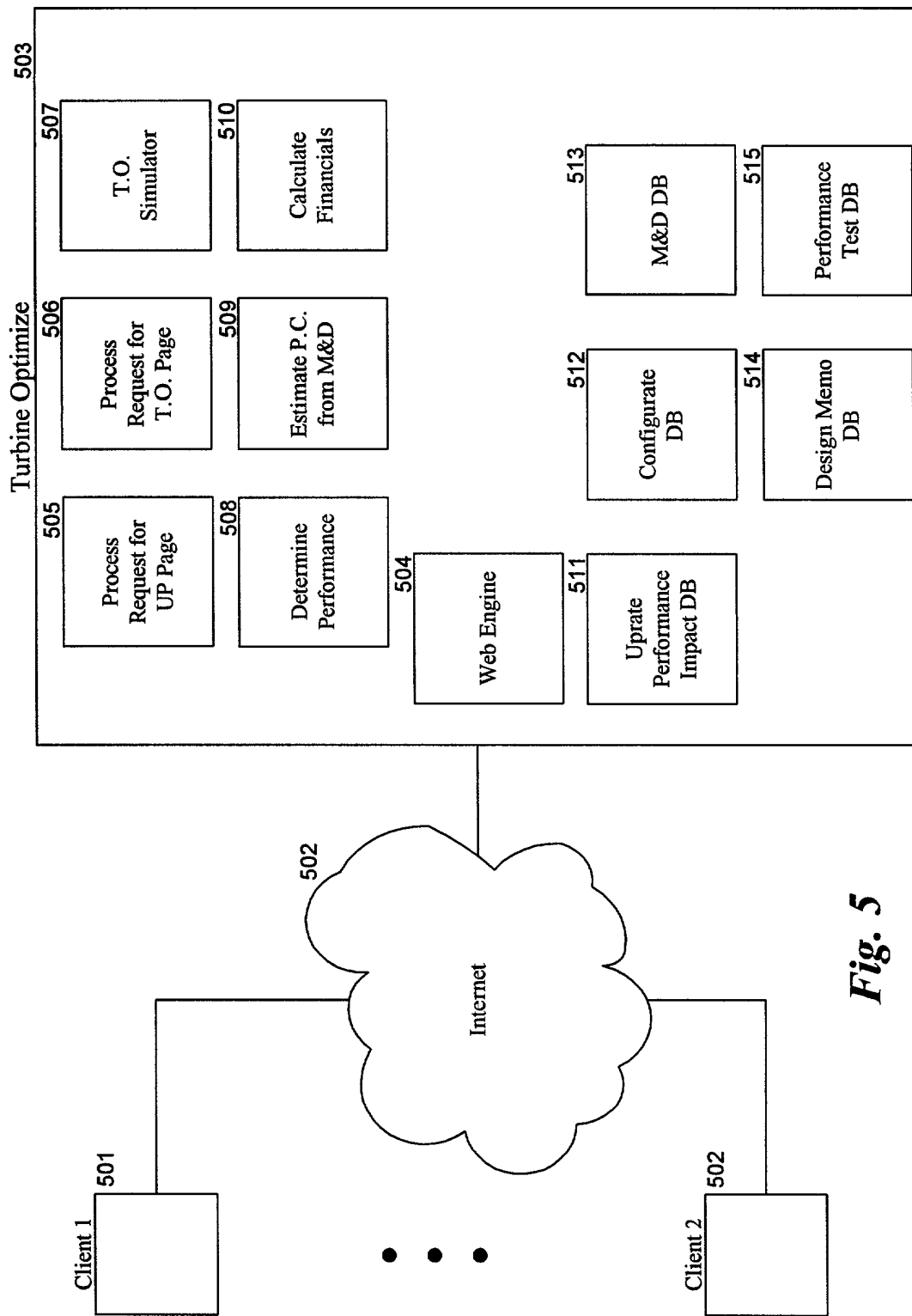
  

304																	
Sum Parts + TT	Cycle Deck Run	FV1B	FV1P	FV1T	FV1U	FV1V	FV1W	FV1N	FV1O	FV1Q	FV4B	FV4P	FV4T	FV4U	FV4V		
0 1.3		1.3	0.313	0.594	0.086	0.0799	-0.033	0.639	0.6993	0.125	n/a	n/a	n/a	n/a	n/a		
0 -0.77		-0.77	0.02	-0.198	0.026	0.02	0.0733	-0.506	-0.553	0.363	n/a	n/a	n/a	n/a	n/a		
0 1.3		1.2	0.313	0.594	0.086	0.0799	-0.033	0.639	0.6993	0.125	n/a	n/a	n/a	n/a	n/a		
0 -0.77		-0.77	0.02	-0.198	0.026	0.02	0.0733	-0.506	-0.553	0.363	n/a	n/a	n/a	n/a	n/a		

Fig. 3

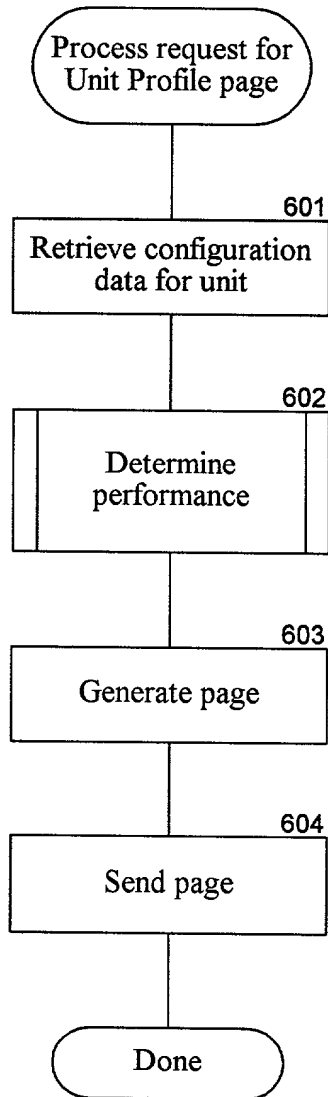


**Fig. 4**

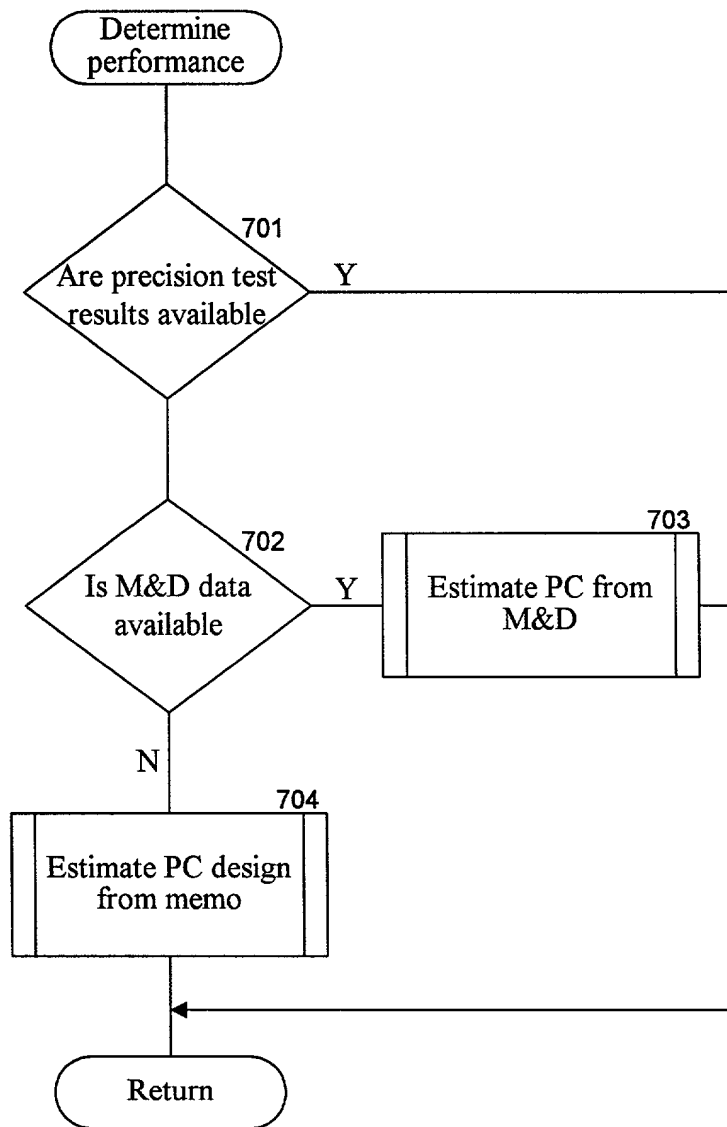


**Fig. 5**

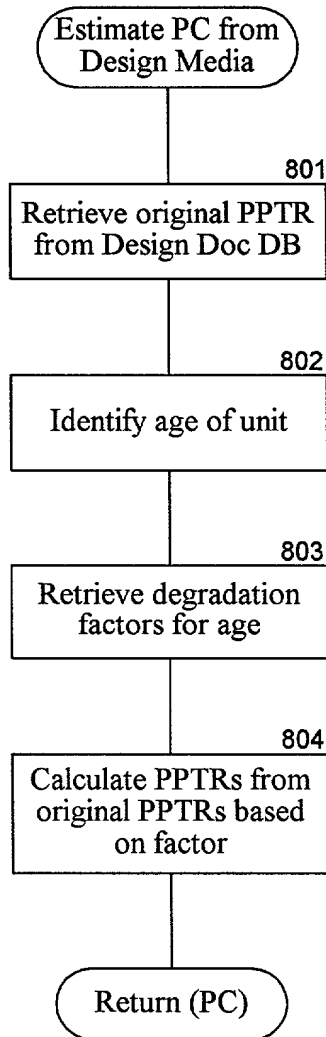
(Site, Unit)



**Fig. 6**

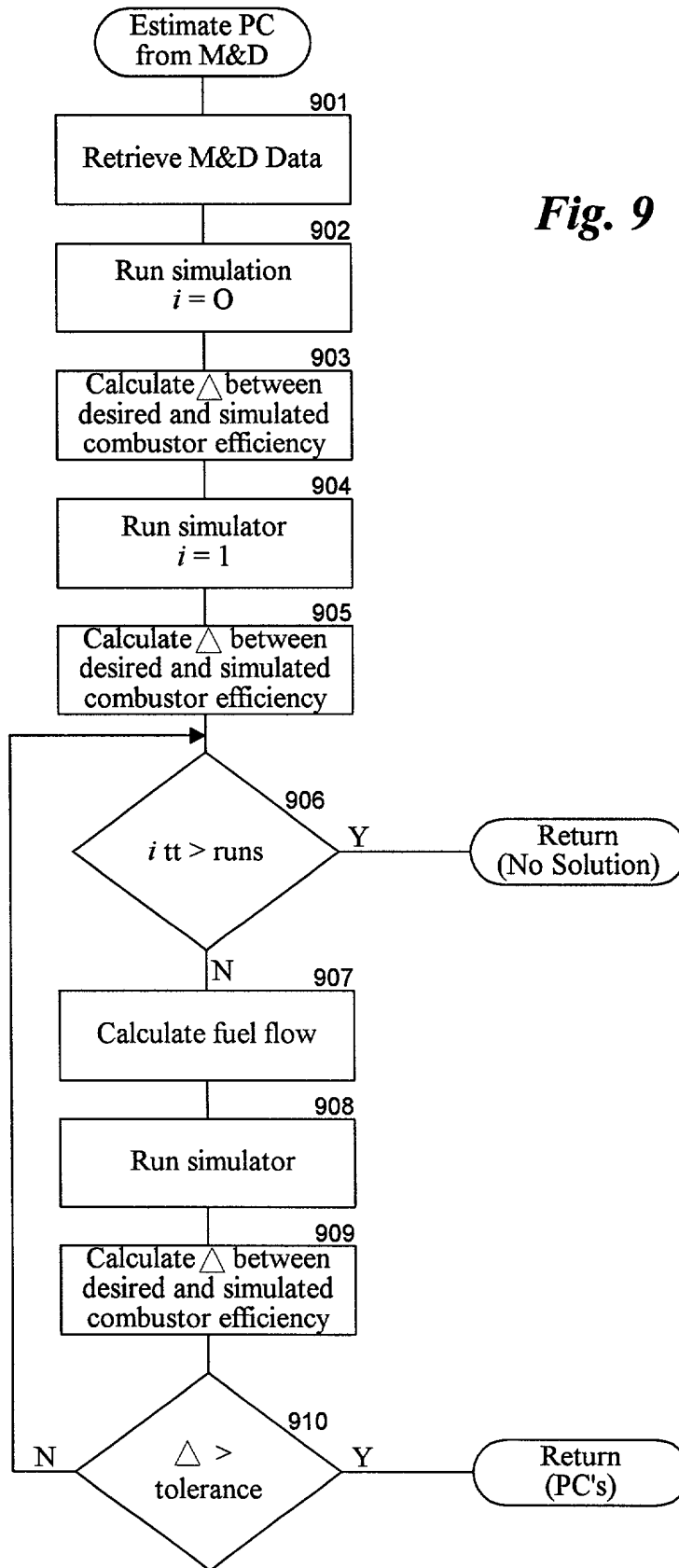


**Fig. 7**

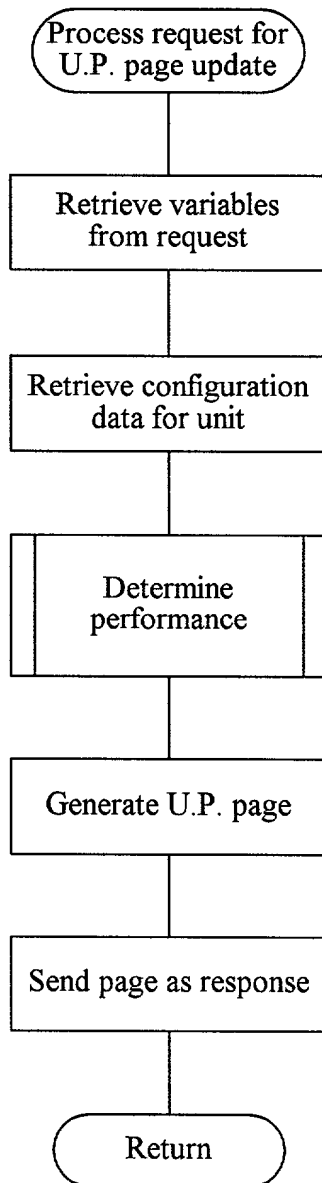


***Fig. 8***

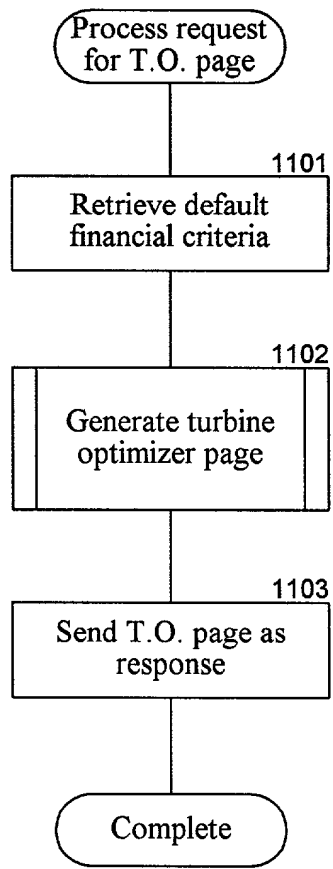




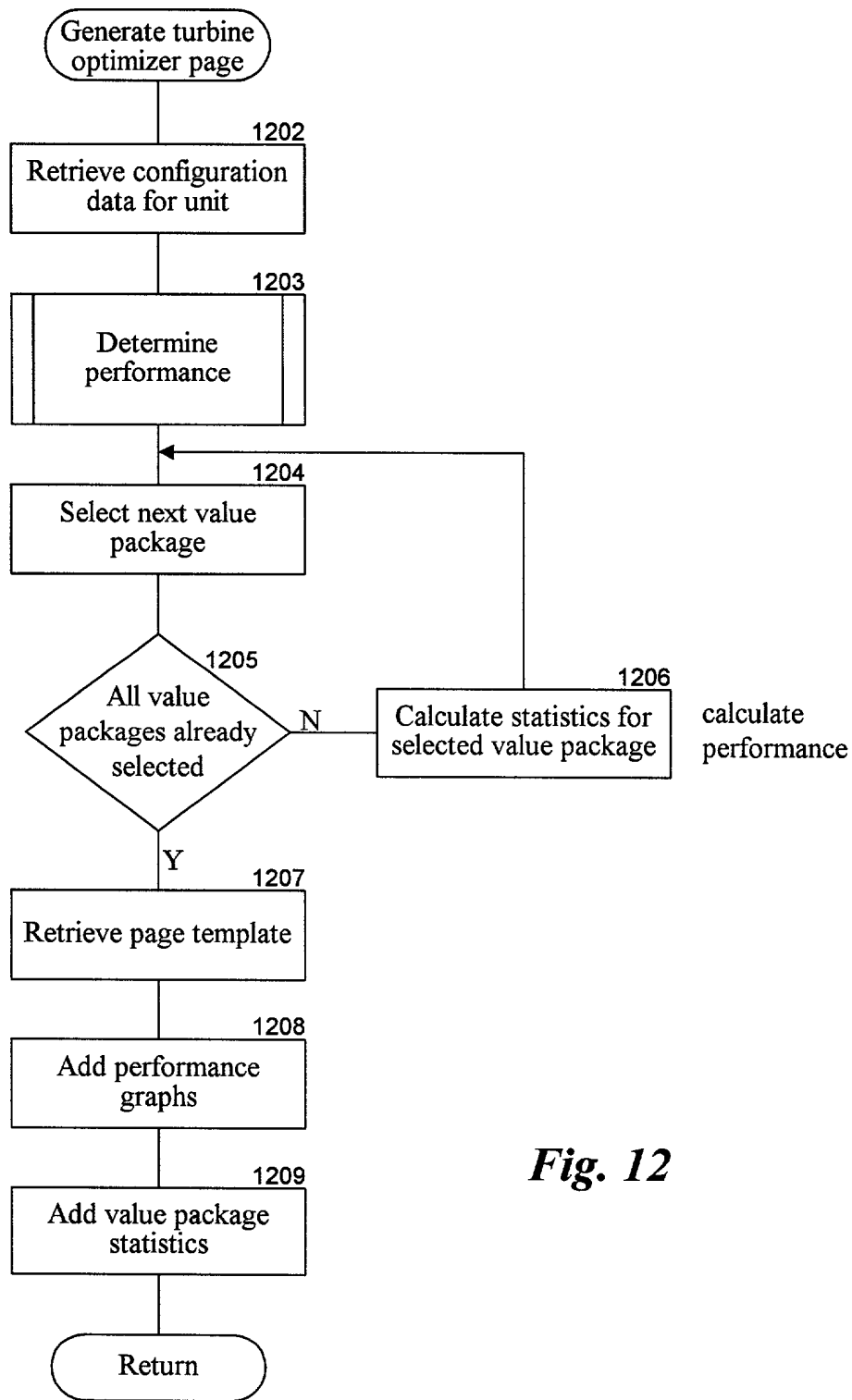
**Fig. 9**



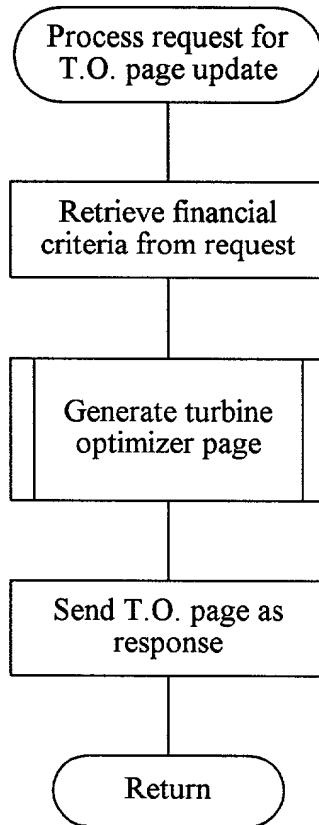
***Fig. 10***



***Fig. 11***



**Fig. 12**



***Fig. 13***